

CLAIMS

1. A porous cellulose aggregate having a secondary aggregate structure formed by aggregation of primary cellulose particles, the aggregate having a pore volume within a particle of $0.265 \text{ cm}^3/\text{g}$ to $2.625 \text{ cm}^3/\text{g}$, containing type I crystals, and having an average particle size of more than $30 \text{ }\mu\text{m}$ and $250 \text{ }\mu\text{m}$ or less, a specific surface area of $1.3\text{-}20 \text{ m}^2/\text{g}$, a repose angle of 25° or more and less than 44° and properties to disintegrate in water.
2. The porous cellulose aggregate according to Claim 1, wherein the repose angle is 25° to 42° .
3. The porous cellulose aggregate according to Claim 1 or 2, wherein a breaking load of a tablet obtained by compressing 0.5 g of the porous cellulose aggregate at 20 MPa is 165 to 410 N .
4. The porous cellulose aggregate according to Claim 3, wherein the breaking load is 200 to 410 N and a disintegration time is 75 seconds or less.
5. A process for producing the porous cellulose aggregate according to any one of Claims 1 to 4, comprising a step of drying a dispersion containing two or more groups of primary cellulose particles having different average particle sizes and a liquid medium wherein the cellulose dispersion particles have an average particle size of 1 to $110 \text{ }\mu\text{m}$.
6. A molded product composition comprising one or more active ingredients and the porous cellulose

aggregate according to any one of Claims 1 to 4.

7. The molded product composition according to Claim 6 wherein the one active ingredient is a poorly water-soluble active ingredient.

8. The molded product composition according to Claim 6 wherein the one active ingredient is a sublimable active ingredient.

9. A molded product composition comprising one or more active ingredients liquid or semisolid at normal temperature and the porous cellulose aggregate according to any one of Claims 1 to 4.

10. A molded product composition comprising one or more active ingredients finely pulverized to a particle size of 40 μm or less and the porous cellulose aggregate according to any one of Claims 1 to 4.

11. A molded product composition comprising one or more active ingredients finely pulverized to a particle size of 10 μm or less and the porous cellulose aggregate according to any one of Claims 1 to 4.